United States Department of Agriculture

Forest Service

Wildlife and Fisheries Staff

Washington, DC

Partnerships for Habitat Improvement

Challenge Cost-Share Program 1991 Report

June 1992









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ROCKY MTN. FOREST & RANGE
EXPERIMENT STATION

On the cover: On the Sumter NF (SC, top left), a local tree farmer assists a FS biologist wire, weigh, and sink hundreds of tree bundles in J. Strom Thurmond Reservoir. Fish readily seek cover among these unique structures. At Markwood Meadow (Sierra NF, CA, top right), volunteers from the Sierra Resource Conservation Service, plant willow clippings. On the Chugach NF (AK, bottom right), Cordova District Interpreter Cathy Corey welcomes an excited angler at Cordova's Kid's Fishing Derby. And on the Daniel Boone NF, Morehead RD (KY, bottom left), volunteers band Canada geese. (All photos courtesy of the USDA Forest Service)

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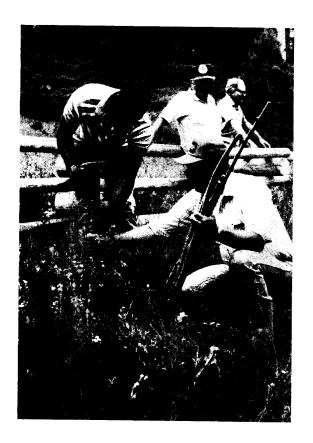
1991 Report

June 1992

Acknowledgments The Wildlife and Fisheries Staff of the Washington Office, USDA Forest Service, thanks all who participated in the 1991 Challenge Cost-Share Program. In particular, we acknowledge the commitment and enthusiasm of the staff members on participating national forests and ranger districts for their outstanding efforts in building and strengthening the Challenge Cost-Share Program. This report was prepared by Beth Giron Pendleton, WO Wildlife and Fisheries Staff. Special thanks to Antoinetta Grant and Donal Hogan, WO Wildlife and Fisheries Staff, for data compilation and production assistance.

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Partners contribute funds, expertise, and enthusiasm to a variety of habitat improvement and educational projects on national forests and grasslands. Partnerships make possible: spring birding workshops on the Chugach NF (AK, top right); willow plantings to enhance riparian habitat on the Sierra NF (CA, top left); and construction of bluebird nest boxes on the Ottawa NF (MI, lower right). As a result of partner-sponsored habitat improvements on the Sumter NF (SC, lower left) anglers reap the benefits ... a hearty catch!



Getting the Job Done ... and Having a Good Time!



EXECUTIVE SUMMARY

The Challenge Cost-Share Program continued its upward growth trend in 1991. The Forest Service and its partners turned \$11.9 million in Congressionally appropriated funds into more than \$31 million in completed habitat improvement projects. The number of partners increased from 1,707 in 1990 to 2,380 in 1991up from 57 partners when the program began in 1986. Thousands of people from hundreds of conservation and sporting organizations, as well as civic groups, corporations, scout troops, government agencies on all levels, and numerous individuals, helped make possible the completion of 3,048 habitat improvement projects for wildlife, fish, and rare plants on national forests and grasslands.

In 1991, the Forest Service and its partners completed 5,956 habitat improvement structures, including watering guzzlers for elk and other wildlife and fish passages for salmon and steelhead trout. Non-structural improvements, including use of prescribed burning to improve forage conditions for white-tailed deer, wild turkey, and grouse, and seeding roadsides to enhance turkey nesting and brood rearing habitat, totaled 41,946 acres. In addition, partners assisted in the completion of more than 1.5 million acres of inventories for wildlife, fish, and rare plant resources on national forests and grasslands.

Background

In 1986, the United States Congress established the Challenge Cost-Share Program—a unique venture in which the state and private sectors share in both the management and cost of Federal habitat improvement programs. The program encourages citizens to participate in wildlife and fisheries habitat management and to

see first-hand, measurable improvements to their national forest and grassland resources.

The Forest Service, in partnership with the Wildlife Management Institute, sponsors the "Join Us" campaign to invite individuals, organizations, and agencies to become conservation partners and share the costs of wildlife and fisheries management. Partnerships can involve matching monies, labor and equipment, or sharing technical skills. But in all cases, the results are the same—on-the-ground resource improvements to benefit wildlife, fish, rare plants, national forests and grasslands, people, and America.

Fiscal year 1991 was our sixth year of sharing habitat improvement opportunities, and the accomplishments have exceeded our highest expectations. Levels of interest and participation increased considerably (see Tables 1 and 2 in Appendix A and Figs. 1 and 2 in Appendix B).

Program Goal

The goal of the Challenge Cost-Share Program is to maintain and improve the fish, wildlife, and rare plant resources on national forests and grasslands through active partnerships between the Forest Service and conservation and service organizations, other government agencies, private groups, and individuals. Partnerships have become the preferred way by which the Forest Service provides better customer service.

A successful partnership necessitates a mutual interest in some goal or value on the part of participating parties. Participation is voluntary and mutual benefit is the driving force. Examples of what partners accomplish on national forests and grasslands range from improving

fishing access points to constructing nesting islands for waterfowl and planting shrubs along streambanks for fish cover and bank stabilization.

In addition to improving habitats and our knowledge of wildlife, fish, and rare plants, the Challenge Cost-Share Program strengthens communication between Forest Service managers and individuals, conservation groups, and agencies who care about national forest resources. The partnership approach to getting work done is expanding our ability to restore, maintain, and enhance habitats for many values and uses. The Challenge Cost-Share Program is the Forest Service mission in action: Caring for the Land and Serving People.

Accomplishments in 1991

The Forest Service and 2,380 partners completed 3,048 *Challenge Cost-Share* projects in 1991. Total partner contributions of labor, materials, expertise, and cash exceeded \$19.3 million, more than matching the Forest Service monetary contribution of \$11.9 million. Combined contributions to the *Challenge Cost-Share Program* for fiscal year 1991 exceeded \$31.2 million (see Table 1 in Appendix A and Figure 1 in Appendix B).

The Forest Service's Wildlife, Fish, and Rare Plant Program spent more than \$11.9 million of appropriated funds for habitat management in four areas: wildlife; inland fisheries; anadromous fisheries (salmon and steelhead); and threatened, endangered, and sensitive species (see Table 3 in Appendix A and Figure 3 in Appendix B).

The Forest Service has developed several major program themes as part of its increased emphasis on wildlife, fisheries, and rare plants. *Rise to*

the Future, the fisheries program, was initiated in 1987 to improve the quality of fish habitats, to provide for increased fishing opportunities for all anglers, and to recover threatened and endangered fish species. Rise to the Future has been extremely successful in bringing the Forest Service to the forefront as a fisheries habitat management agency.

Through this program, the Forest Service has developed strong partnerships with major fisheries conservation groups, government agencies, researchers, and the angling public. Rise to the Future is made up of two program areas, inland fish management and anadromous fish management.

Get Wild!, the wildlife program, is designed to ensure continued availability of healthy habitats for all terrestrial wildlife species. Successful implementation of this program involves coordination of wildlife habitat programs with state and other Federal agencies and wildlife interest groups. Together, the Forest Service and its partners develop inventories and plans, restore and enhance habitat, and monitor management actions and effects. Get Wild! is made up of 11 emphasis areas:

- Taking Wing for waterfowl habitat management
- Full Curl for bighorn sheep habitat management
- Making Tracks for wild turkey habitat management
- Animal Inn to provide public information and education about the value of snags and downed logs as wildlife habitat
- Dancers in Forest for grouse and woodcock habitat management
- Answer the Call for quail habitat management

- A Million Bucks for deer habitat management
- Eyes on Wildlife to emphasize wildlife viewing and appreciation
- Elk Country for elk habitat management
- Partners in Flight for neotropical migratory bird conservation
- Special Wildlife and Habitats for species such as raptors, furbearers, and cavitydependent species

Although care for threatened, endangered, and sensitive species is emphasized in all Forest Service programs, it is within the *Every Species*



A smile and a will! On the Chugach NF (AK), a boy scout installs a nest box at the Forest's Quartz Creek Campground. (Photo by USDA Forest Service)



On the Eldorado NF (CA), the California Department of Fish and Game assist the Georgetown RD with a deer trapping and monitoring study. (Photo by USDA Forest Service)

Counts program that rare species are profiled. National forests and grasslands provide homes to more than 200 threatened and endangered species. The Forest Service also designates as sensitive more than 2,250 species of plants and animals for which special attention is required to ensure they need not be listed as threatened or endangered in the future.

Initiated in 1990, the Every Species Counts program brings together the resources and commitment of numerous Federal and state agencies, private organizations, and individuals to enhance species recovery and conservation. Successful implementation of the program involves conducting inventories and surveys to determine species occurrence, distribution, and population status; developing management guides for listed species; participating with the U.S. Fish and Wildlife Service in the preparation and implementation of recovery plans; and restoring and improving habitat.

These themes and emphasis areas have helped increase the interest and participation of numerous individuals and groups in habitat improvement projects for specific wildlife, fish, or rare plant species. The names of many of our par-

ticipating partners are listed in Appendix C.

The Regional Project Highlights section of this report provides a snapshot of the variety and diversity of projects completed by the Forest Service and our conservation partners in 1991.

The energy, dedication, and spirited volunteerism shown by our partners translate to a bright outlook for wildlife, fish, and rare plant resources on the National Forest System. To our partners in conservation, we extend our appreciation!



Figure 1. The nine regions of the National Forest System.

REGIONAL PROJECT HIGHLIGHTS

This portion of the report contains excerpts from regional projects. These highlighted projects are only a few of the many submitted by each region and demonstrate the breadth of the Challenge Cost-Share Program.

NORTHERN REGION

From surveying habitat for boreal owls on the Bitterroot NF to developing Montana's first fish viewing site on the Deerlodge NF, the Northern Region in partnership with numerous private, civic, state and Federal groups, as well as individuals, completed 193 habitat improvement projects for wildlife, fish, and rare plants in 1991. Forest Service contributions totaling \$1,514,280 were matched by \$1,673,730 in partner contributions. Project accomplishments included 2,067 acres treated; 252 structures, such as fish passages and nestboxes, built; and 79,894 acres inventoried. Following, is just a sample of the myriad projects completed in the region in 1991.

Bitterroot NF. As part of the Every Species Counts program, six peregrine falcons were hacked from cliffs in the Bitterroot Mountains, thanks to the efforts of volunteers from Patagonia, Inc.; Liz Claiborne; and The Peregrine Fund, Inc. Partners are eagerly awaiting spring 1992, in anticipation of the return and nesting of birds hacked in 1989. Partners contributed \$3,500, while the Forest Service provided \$5,500 in support of this project.

Gallatin NF. The Rocky Mountain Elk Foundation (RMEF); Montana Department of Fish, Wildlife, and Parks (MDFWP); and The Nature



Partners made possible the release of six peregrine falcons, an endangered species, on the Bitterroot NF (MT). (Photo by USDA Forest Service)

Conservancy (TNC) teamed-up with the Forest Service in an *Elk Country* and *Eyes on Wildlife* project. Partners developed an interpretive site adjacent to recently acquired elk winter range on the Gallatin NF and state-owned land. This area winters thousands of elk which are now protected from private land development. The Forest Service provided \$4,000 in Challenge Cost-Share dollars, while the MDFWP contributed \$2,000, the RMEF \$3,000, and TNC \$3,000 to complete this project.

Kootenai NF. In a spirited Eyes on Wildlife and Taking Wing project, local school children joined the Three Rivers RD on the Kootenai NF to construct and install 60 nest boxes for western and mountain bluebirds, 14 nest boxes for wood ducks, and 50 interpretive signs about cavity-nesting birds. Contributions of time, talent, and enthusiasm were provided by the children, while the Forest Service provided \$2,000 toward completion of this project.

ROCKY MOUNTAIN REGION

Riparian habitat restoration, acquisition of prime elk winter range, waterfowl and wetland surveys, and reintroduction of Rio Grande and Colorado River cutthroat trout are just a sample of the projects completed by the Rocky Mountain Region and partners in 1991. Forest Service contributions totaling \$786,700 were boosted by \$1,705,100 in partner contributions. Project accomplishments included 3,911 acres of habitat improvements, and completion of 91 structures and 1,130 inventories for wildlife, fish, and rare plants. Highlights of the 204 projects completed region-wide include the following on the White River and Rio Grande NFs.

Rio Grande NF. In a Full Curl program partnership with the Colorado Division of Wildlife (CDW) and Rocky Mountain Bighorn Sheep Society (RMBSS), the Forest Service improved 430 acres of winter range for two bighorn sheep herds on the forest. Vegetation treatments included cutting pinyon and juniper to boost forage production, while improving the distances at which wild sheep can detect predators, and burning to improve forage condition. The cost of completing these habitat improvements was \$26,000—\$4,500 of which was provided by the CDW and RMBSS.

White River NF. More than 170 volunteer hours were donated by local Audubon chapter members, who, together with personnel from the Blanco RD completed two blocks of the Oyster Lake and Pagoda Peak Breeding Bird Atlas project. This *Partners in Flight* project has paved the way for future cooperative projects between the Audubon Society and the Forest Service, including a district-wide survey of neotropical migratory songbirds and raptors. In supporting this project, partners provided 170 volunteer hours, expertise, and commitment,



Trapping bighorn sheep for release on the Rio Grande NF (CO). (Photo by USDA Forest Service)

while the Forest Service provided \$865 in planning, per diem, and salaries.

SOUTHWESTERN REGION

In the Southwestern Region, partners contributed funds, time, labor, and expertise toward the completion of 230 habitat improvement projects for species such as the Gould's wild turkey, little Colorado spinedace, black bear, lesser long-nosed bat, northern goshawk, Zuni mountain sucker, and numerous species of sensitive plants. Forest Service contributions totaling \$1,465,580 were more than matched by \$2,267,930 in partner contributions. Project accomplishments included 6,147 acres of habitat improvements, and completion of 1,665 structures and 179,917 acres of inventories for wildlife, fish, and rare plants. Highlights of projects completed in the Southwestern Region include:

Cibola NF. The New Mexico Department of Game and Fish (NMDGF), the Cibola National

Forest, the U.S. Fish and Wildlife Service, and the Pueblo of Zuni, entered into a three-year, *Every Species Counts* program partnership to complete a systematic survey of Zuni Mountain sucker habitat and populations. In 1991, the range and abundance of this fish was documented. Life history and habitat association studies will continue in 1992 and 1993. In the first year of the study, the Forest Service provided \$3,000, while the NMDGF provided \$14,500 in funding.

Coconino NF. In an Every Species Counts project, the Coconino NF in partnership with Northern Arizona University and the Arizona Game and Fish Department (AGFD), are investigating the habitat requirements and factors limiting the distribution of the little Colorado spinedace, a fish listed as threatened under the Endangered Species Act. In 1991, field studies confirmed laboratory results showing that rainbow trout readily prey on spinedace. The Forest Service is working with the AGFD to protect the spinedace and find alternatives for sport fishing opportunities.

Coronado NF. In 1991, the Coronado NF had more Challenge Cost-Share projects directed at rare plant management than in any previous year with regard to number of partners, variety of projects, and total funding. Examples of projects included:

- preparation and distribution of a notebook identifying site locations and population information of rare plants on the forest—in partnership with the Arizona Department of Fish and Game;
- surveying and monitoring of selected species in the Chiricahua, Huachuca, Patagonia, and Atascosa mountains—in cooperation with the Arizona Nature Conservancy;
- a genetic study of two closely related

- species of *Rumex* to resolve taxonomic uncertainty—in partnership with the University of Arizona; and
- coordination of a forest-wide sensitive plant workshop—in partnership with the Arizona Nature Conservancy.

Kaibab NF. A \$9,000 contribution from the National Fish and Wildlife Foundation was matched with a contribution of labor by the Arizona Boys Ranch to complete a variety of habitat improvements on the Chalender and Williams RD. Accomplishments included fencing two guzzlers and a spring, repairing a trick tank, completing parking facilities at a wildlife viewing site, removing invading trees from a meadow, and constructing an exclosure for a germination study of a sensitive plant, the disturbed rabbitbrush.

INTERMOUNTAIN REGION

The Intermountain Region participated in 720 Challenge Cost-Share projects to improve wildlife, fish, and rare plant habitats in 1991. Projects covered a wide range of species and their habitats, including efforts to inventory streams for fish populations on the Ashley NF, transplant elk on the Caribou NF, inventory Columbian sharp-tailed grouse on the Curlew National Grasslands, install deer guzzlers on the Humbolt NF, protect habitat for the Colorado cutthroat trout on the Manti-Lasal NF, and improve grizzly bear foraging habitat on the Targhee NF. Forest Service contributions totaling \$1,725,510 were boosted by \$4,559,150 in partner contributions. Project accomplishments included 5,424 acres of habitat improvements, and completion of 63 structures and 745,951 acres of inventories for wildlife, fish, and rare plants.

Caribou NF. The Malad RD has joined together with the Idaho Department of Fish and Game, the Bureau of Land Management, and the University of Idaho to inventory habitat and conduct utilization studies for the Columbian sharp-tailed grouse, a sensitive species. This Every Species Counts project took place on the region's sole grassland, the Curlew National Grasslands. The Curlew grasslands and adjacent public lands provide Columbian sharp-tailed grouse for transplanting throughout their historic range.

Humbolt NF. The Rocky Mountain Elk Foundation (RMEF) and the Mountain City RD initiated a two-year Elk Country project to inventory and classify riparian and upland habitats adjacent to and within the Bruneau River watershed. The resulting data set will be used to evaluate the effectiveness of current management and access management strategies needed to enhance riparian and upland conditions. The data set will be integrated into the forest's Geographical Information System and used to determine suitable areas for elk reintroduction, improve fisheries habitat, and reallocate livestock on four grazing allotments to balance wildlife habitat needs with grazing needs. The RMEF contributed \$60,000, and the Forest Service \$120,000, toward completion of this project.

PACIFIC SOUTHWEST REGION

Hundreds of partners, from individual citizens to government agencies and conservation groups, teamed-up with forests in the Pacific Southwest Region to make significant improvements to wildlife, fish, and rare plant habitats. The 294 *Challenge Cost-Share* projects completed region-wide included sponsoring fishing derbies during National Fishing Week; install-

ing interpretive signs about southern sea otters, gray whales, and shorebirds along the Big Sur Coast; and establishing streambank cover for fish and other riparian-dependent species. Partner contributions totaling \$1,993,029 and Forest Service contributions of \$1,432,860 supported 2,804 acres of habitat improvements and completion of 564 structures and 295,291 acres of inventories for wildlife, fish, and rare plants.

Plumas NF. In the Long Valley Wetland Enhancement Project, the Greenville RD joined with the California Wildlife Conservation Board (CWCB) and the U.S. Fish and Wildlife Service (USFWS) to blast four potholes, construct three exclosures to exclude livestock grazing, and build one check dam to improve the water table. This *Taking Wing* project improved wetland



A happy angler at the Eldorado NF (CA) Fishing Derby. (Photo by USDA Forest Service)

habitat for nesting waterfowl, primarily Canada geese and mallards, as well as enhanced habitat for other wetland-dependent plants and animals. The CWCB provided \$5,000; the USFWS, \$2,000; and the ranger district, the work crews.

Sequoia NF. More than a hundred people representing the Kaweah Flyfishers, Kern River Flyfishers, Fresno Flyfishers for Conservation, Trout Unlimited, Cal Trout, California Department of Fish and Game, Proteus, Tulare County Conservation Corps, Community Services Employment Training, California Department of Forestry, and the Forest Service improved 1.5 miles of fish habitat and stream quality in the Tenmile Creek watershed on the Hume Lake RD. Thirty-two structures were completed in this Rise to the Future project; 20 were placed in the creek and 12 were placed to prevent further erosion of headcuts. The total contribution from outside the Forest Service was \$47,000, while the Sequoia NF contributed \$14,000.

Shasta-Trinity NF. The Shasta-Trinity NF contains approximately 30% of the breeding bald eagle population in California with 26 active nesting territories. Four additional nesting territories are believed to occur near the Trinity River. In 1991, the forest inventoried and monitored approximately 42,000 acres of potential bald eagle habitat. A three-year bald eagle study was completed on Shasta and Trinity lakes in partnership with Humboldt State University. The forest continues to work closely with the San Francisco Zoological Society and its captive breeding program. Also, the forest worked extensively with the California Department of Fish and Game, Western Bass Fishing Association, the U.S. Fish and Wildlife Service, and resort owners to minimize disturbance to eagles nesting near Shasta Lake.

Six Rivers NF. In cooperation with the California Department of Fish and Game (CDFG), the

Karuk Tribe of California, the Northern California Indian Development Council (NCIDC), the Klamath River Basin Fisheries Task Force (KRBFTF), and the California Wildlife Conservation Board (CWCB), 95,000 yearling Chinook salmon were released into Bluff and Camp creeks in 1991. In 1983, ponds were constructed to re-establish a self-sustaining population of Chinook salmon in Bluff Creek. Since the ponds were constructed, some 600,000 Chinook salmon have been reared and released annually. Contributions to this *Rise to the Future* project include: CDFG-\$9,000, the Karuk Tribe, through NCIDC and grants from CWCB-\$25,000, and the Forest Service-\$1,000.

PACIFIC NORTHWEST REGION

In 1991, the Pacific Northwest Region participated in 254 Challenge Cost-Share projects to improve wildlife, fish, and rare plant habitats. Projects covered a wide range of species and their habitats and included efforts to develop the Flume Creek mountain goat viewing and interpretive site on the Colville NF; monitor bull trout movements on the Gifford Pinchot NF; hold the first annual Wenatchee River Salmon Festival; enhance habitat for the Peck's penstemon, a rare plant, on the Deschutes NF; and improve habitat conditions for the Oregon silverspot butterfly on the Siuslaw NF. Forest Service contributions totaling \$1,294,560 were more than matched by \$2,220,300 in partner contributions. Project accomplishments included 3,854 acres of habitat improvements, and completion of 1,353 structures and 112,059 acres of inventories for wildlife, fish, and rare plants. What follows is just a taste of the many projects completed region-wide.

Okanogan NF. The Foundation for North American Wild Sheep (FNAWS) cooperated with the Okanogan NF to improve approximately 100 acres of California bighorn sheep range on the forest. In this multi-year, Full Curl project, prescribed burning was used to rejuvenate grasses and forbs, and several wildlife guzzlers were installed. This same improvement area is the location of an annual census for bighorn sheep conducted by the Washington Department of Wildlife and the Oroville Sportsmen Club.

Olympic NF. The Matheny Elk Study Project, a five-year, multi-partner endeavor to evaluate the use of winter range by Roosevelt elk in the western Olympic mountains, is off to a good start. Key partners in this Elk Country project include the Washington Department of Wildlife (WDW) and the Pacific Northwest (PNW) Forestry Sciences Laboratory. Field work is being done by graduate students from Central Washington University and University of Washington, PNW Forestry Sciences Lab, and WDW. Support has been provided by the Olympic NF, Quinault Indian Nation, and Washington State Bowhunters Association. Accomplishments in 1991 included capture, radio tagging, and monitoring of 30 elk; completion of 14 miles of habitat use surveys; and prescribed burning of 57 acres. Elk proof fencing will be erected around burned plots, followed by seeding and a forage evaluation study.

Wallowa-Whitman NF. The Upper Grande Ronde Basin contains more than 205 miles of stream habitat for salmon and steelhead. Analysis of inventory data completed in 1991 showed moderate to severe degradation of 65 miles of stream, drastic reductions in spring Chinook salmon escapement, and a 67 percent decline in mainstem pool habitat. In response to these findings, the Forest Service, Oregon Department of Fish and Wildlife, and the Columbia Basin tribal governments formed a *Rise to the Future* program partnership to protect and improve

habitat for salmon and steelhead, as well as to develop a comprehensive protection, restoration, and monitoring plan for the watershed. Full implementation of this multi-agency/tribal plan is estimated to cost \$4.2 million over a 10-year period.

Wenatchee NF. The first annual Return of the Salmon—Wenatchee River Salmon Festival was held last October at the Leavenworth National Fish Hatchery in Leavenworth, WA. This educational and interpretive event sponsored by the U.S. Fish and Wildlife Service and the Wenatchee NF, focused on local aquatic and riparian resources, in particular, the wild summer Chinook salmon. The four-day event attracted 8,000 people, including close to 2,000 school children. The objectives of this event are to provide environmental education appropriate to youth and families, develop interest in outdoor recreation, develop a scholarship fund for students pursuing a career in natural resources management, and spotlight the proposed construction of an aquatic education and research facility in Leavenworth. Partners for this first festival included Bonneville Power; Alcoa; Chelan County PUD; Leavenworth Chamber of Commerce; Washington Department of Fisheries; Confederated Tribes of Colville; Trout Unlimited; Valley Tractor, Inc.; Central Washington Bank, Production Services, Inc.: Silkscreen Printers; as well as numerous individuals. Plans are well underway for an expanded and exciting 1992 festival.

SOUTHERN REGION

From monitoring and restoring smoky and yellowfin madtoms to creeks on the Cherokee NF to surveying for red-cockaded woodpecker colonies on the Ocala and Osceola NFs, the Southern Region in cooperation with hundreds of partners completed 296 habitat improvement

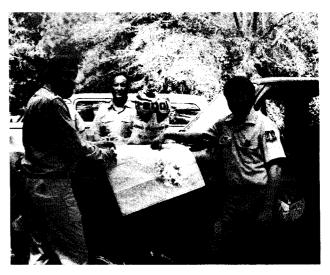
projects for wildlife, fish, and rare plants. Forest Service contributions totaling \$1,072,560 were augmented by \$1,669,000 in partner contributions. Project accomplishments included improvement of 13,363 acres of habitat and completion of 543 habitat improvement structures. Following are highlights of projects completed region-wide in 1991.

Cherokee, Nantahala, and Pisgah NFs. The U.S. Fish and Wildlife Service, North Carolina Wildlife Resources Commission, Wake Forest University, and the Forest Service teamed-up to delineate habitat occupied by the federally endangered, Carolina northern flying squirrel on the Cherokee, Nantahala, and Pisgah NFs. Historic and recent records for this relict species of the last ice age occur on all three forestsrecent records suggest that they still occupy small patches or "islands" of suitable habitat near the peaks of mountains. In 1991, seven Carolina northern flying squirrels were trapped in older forests typified by uneven overstory and some very large hardwoods. Information gathered in this Every Species Counts study will enable resource managers to minimize impacts of Forest Service activities on populations of Carolina northern flying squirrels.

NFs in Florida. The Osceola NF in partnership with the Florida Chapter of the National Wild Turkey Federation (NWTF) and the Florida Game and Fresh Water Fish Commission (FGFWFC) closed and seeded roads to improve turkey nesting and brood rearing habitat. In 1991, 5 miles of roads were closed and 4.5 miles of roads were disked and seeded with 400 lbs. of a native species of chufa. In addition, 1 mile of fireline was also disked and planted with chufa. This *Making Tracks* project cost \$3,000, and was shared evenly between the NWTF and the Forest Service. The FGFWFC provided planning and field support.

NFs in Florida. In 1991, the Forest Service began work on a cooperative agreement with the Florida Game and Fresh Water Commission to extend the Commission's ongoing black bear research project. The Florida black bear is a sensitive species that is currently being considered for Federal listing as threatened. In this *Every Species Counts* project, black bears were trapped and radio-collared and then followed to determine habitat use. The Forest Service is providing monetary, personnel, and technical support on this project, including use of Geographical Information System technology to analyze habitat use information.

Francis Marion and Sumter NFs. On the Long Cane RD (Sumter NF), the Forest Service, U.S. Army Corps of Engineer, the South Carolina Wildlife and Marine Resources Department, local bass club volunteers, local Christmas tree farmers, and De La Lowe School are pooling resources to improve fish habitat in the Little River and Long Cane arms of J. Strom Thurmond Reservoir. In 1991, this *Rise to the*



On the Sumter NF (SC), the National Wild Turkey Federation and South Carolina Wildlife and Marine Resources Department assist the forest with a wild turkey habitat improvement program. (Photo by USDA Forest Service)

Future project entered the second phase of the three-year plan. An additional 250 shoreline trees were cut, 200 willow and 2,000 bald cypress were planted, and test sites of maiden cane and giant reed were planted in the shallow sites along the shore. Students from De La Lowe cabled the shoreline trees, and tree farmers provided 2,000 trees they had culled from their Christmas tree operations. These trees were tied with wire in bundles of three to five and cement blocks, donated by a local cement block manufacturer, were tied on to sink the bundles. By adding these structures, the fish habitat in deep water doubled. Local anglers are already reaping the benefits of these habitat improvements ... the reservoir boasted one of its best crappie fishing seasons in years! The cost for this three-year project is \$30,000, and is being split evenly between the Forest Service and the various partners.

George Washington NF. The first ever JAKES (Juniors Acquiring Knowledge, Ethics, and Sportsmanship) Event, a program to provide information and training on outdoor and hunting ethics, wild turkey management, and hunter safety to young men and women, was held on the George Washington NF in 1991. The weekend was sponsored by state and local chapters of the National Wild Turkey Federation (NWTF), National Rifle Association, Winchester/Olin, Perfection Turkey Calls, and numerous local businesses. In addition, the forest, in cooperation with the NWTF, Virginia Department of Game and Inland Fisheries, and West Virginia Department of Natural Resources, continued to make improvements to wild turkey brood-rearing habitat. Several waterholes were also constructed in dry, high elevation areas to round-out this forest's Making Tracks program.



Conservation partners and local businesses sponsored the first JAKES Event on the George Washington NF (VA) in 1991. (Photo by USDA Forest Service)

EASTERN REGION

In the Eastern Region, partners contributed funds, labor, technical assistance, and enthusiasm toward the completion of 795 habitat improvement projects for species such as the eastern timber wolf, ruffed grouse, and whitetailed deer on the Ottawa NF; pine marten and eastern Jacob's ladder on the Green Mountain NF; and the Kanawha minnow on the Monongahela NF. Forest Service contributions totaling \$1,907,000 were more than matched by \$2,248,890 in partner contributions. Project accomplishments included 4,375 acres of habitat improvements, and completion of 1,425 structures and 100,487 acres of inventories for wildlife, fish, and rare plants. Highlights of projects completed in the Eastern Region include:

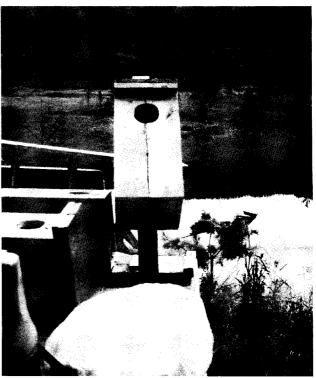
Green Mountain NF. The Green Mountain NF, in partnership with the U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, and Vermont Department of Fish and Wildlife, have an exciting *Rise to the Future* project underway ... restoring Atlantic salmon to 120 miles of forest streams in the Connecticut River Basin! In 1991, six stream improvement projects were completed, more than 200,000 salmon fry were seeded into three streams on the Manchester and Rochester RDs, and five miles of prime stream habitat were acquired through purchase of easements. The project is expected to be completed in the summer of 1992.

Nicolet NF. Five natural resources organizations joined the Nicolet NF as Rise to the Future program partners to restore a large spring pond on the Lakewood RD. The Nicolet NF contributed \$5,000 while Trout Unlimited chapters from Antigo, Green Bay, and Marinette County, Wisconsin, along with the Natural Resources Foundation of Wisconsin, donated \$20,000 for the project. This funding enabled the Wisconsin Department of Natural Resources to dredge Saul Springs. These springs, historically major spawning and overwintering sites for brook and brown trout populations for the South Branch of the Oconto River, had become uninhabitable to trout due to sedimentation and vegetation encroachment. Dredging re-opened springs covered by vegetation and improved spawning conditions.

Ottawa NF. In a variety of *Dancers in the Forest* and *A Million Bucks* projects, the Ruffed Grouse Society and Whitetails Unlimited contributed more than \$9,000 to the Ottawa NF to support 153 acres of habitat improvements for grouse and 752 acres of improvements for deer. In addition, local clubs such as Wildlife Unlimited of Iron County contributed materials to build 130 bluebird, wood duck, and owl nest boxes which were constructed by a local Boy Scout troop.

Ottawa NF. The Ottawa NF installed a barrierfree fishing pier at Henry Lake. Donations of labor and materials came from the Michigan Department of Natural Resources, Michigan Department of Corrections, Gogebic Soil Conservation District, Steiger Lumber Company,





The Ottawa NF (MI) teamed-up with Wildlife Unlimited of Iron County and a local Boy Scout troop to build bluebird, wood duck, and barred owl nest boxes. (Photo by USDA Forest Service)

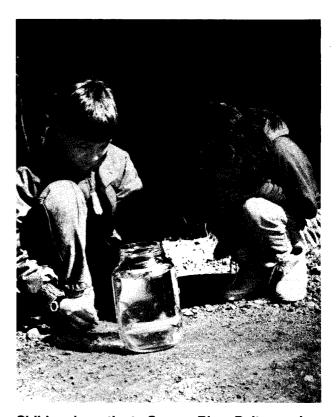
Blackjack Ski Resort, Lions Club, Erwin Conservation Club, and Cramblit's Welding. Contributions totaled more than \$3,500. More than 60 youngsters helped dedicate the pier with a fishing contest during *National Fishing Week*. Strategically placed fish cover structures insured success of the young anglers. A similar contest sponsored by the Ontonagon RD drew 87 youngsters.

Superior NF. The Superior NF's 60-acre Pat Zakovec Wetland Management Area was completed in 1991 and was made possible through the support of several agencies, conservation groups, and private citizens. This *Taking Wing* project was funded by the Minnesota Department of Natural Resources, 1854 Authority, U.S. Fish and Wildlife Service, Ducks Unlimited, and St. Louis County. This is the first major waterfowl impoundment constructed on the forest and the first project completed using 1854 Treaty funds.

ALASKA REGION

Migrant shorebird monitoring on the Stikine River Delta, Tongass NF; mountain goat relocation on the Tongass NF; installation of artificial nest islands for dusky Canada geese on the Chugach NF; and habitat improvement for pink and chum salmon on Suntaheen Creek, Chugach NF, are just a sample of the myriad projects completed in the Alaska Region in 1991. Forest Service contributions totaling \$738,000 were matched by \$1,004,300 in partner contributions. Project accomplishments included completion of 34,700 acres of habitat inventories for wildlife, fish, and rare plants. Highlights of the 62 projects completed state-wide include the following:

Chugach NF. Since the early 1980's, the Cordova RD in cooperation with the Alaska



Children investigate Copper River Delta ponds during *Discover Cordova*, a science and natural resources education effort supported by numerous local conservation partners and the Chugach NF (AK). One hundred percent of elementary-age youth in Cordova were contacted during this unique conservation education project. (Photo by USDA Forest Service)

Department of Fish and Game, U.S. Fish and Wildlife Service, and Ducks Unlimited have focused on improving the reproduction capability of the dusky Canada goose on the Copper River Delta. To date, more than 800 artificial nest islands have been installed on the Delta. Although the nesting success of these geese varies considerably from year to year, an estimated 20 percent of the Delta's annual gosling production has been attributed to the nest island program. In 1991, 20 new nest islands were installed. Partners in this *Taking Wing* project include Ducks Unlimited, U.S. Fish and Wildlife Service, and the Alaska Department of Fish and Wildlife.

Chugach NF. The Beluga Point Interpretive Kiosk, an information stand providing graphic examples and narrative about wild Dahl sheep, was completed along the Seward Highway at a popular roadside viewing area. The sign in the kiosk provides information to the many visitors who stop to photograph ewes and lambs on the mountain slope adjacent to the highway. This *Full Curl* project was funded by the Alaska Chapter of the Foundation for North American Wild Sheep; the State of Alaska, Chugach National Park; and the State of Alaska, Department of Transportation.

Tongass NF. The Forest Service in A Rise to the Future program partnership with the Alaska Department of Fish and Game built a fish pass on Davidson Creek on the east side of Taku Inlet near Juneau Alaska. The creek drains a 30 square mile watershed which contains about 20 miles of potential coho salmon spawning and rearing habitat. The fish pass bypasses a series of chutes and falls that prohibit fish migration. Capability models show that with the fish pass, the system will produce some 64,000 coho salmon annually ... and pave the way for potential use by both king salmon and steelhead trout.



In Cordova (AK), more than 180 Russian visitors joined in the fun at the Bering '91 Celebration which included a natural resources tour of the wildlife- and fisheries-rich Copper River Delta. Above, Cordova District Interpreter Cathy Corey and friends greet visitors to the celebration. (Photo by USDA Forest Service)

APPENDIX A -- Tables

Table 1. Growth of partnership contributions, FY 1987-1991.

	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991
Partners	\$2,661,694	4,615,327	9,469,210	12,337,610	19,341,429
Forest Service	\$1,500,000	2,586,223	6,370,736	9,941,035	11,937,050
TOTAL	\$4,161,694	7,201,550	15,839,946	22,278,645	31,278,479

Table 2. Growth in numbers of partners for wildlife, fish, and rare plants habitat improvement projects, FY 1986-1991.

FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991
57	196	429	867	1,707	2,380

Table 3. Forest Service contributions by program area, FY 1987-1991.

	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991
Wildlife	\$539,000	902,449	2,293,438	3,291,694	3,375,220
Inland Fish	\$403,000	542,906	1,092,716	2,215,137	2,549,210
TE&S Species*	\$384,000	576,298	702,392	1,990,684	4,215,100
Salmon & Steelhead	\$174,000	564,580	2,282,190	2,443,520	1,797,520
TOTAL	\$1,500,000	2,586,223	6,370,736	9,941,035	11,937,050

^{*}TE&S Species - Threatened, Endangered, and Sensitive Species

Table 4. Contribution by partners and Forest Service, FY 1990 - 1991.

EV 4000	EV 4	^^
FY 1990	FY 1	99

	Partners	FS	Partners	FS
Northern	\$ 787,000	543,000	1,673,730	1,514,280
Rocky Mountain	\$ 733,660	872,548	1,705,100	786,700
Southwestern	\$1,908,197	1,224,614	2,267,930	1,465,580
Intermountain	\$ 672,220	633,735	4,559,150	1,725,510
Pacific Southwest	\$2,914,654	1,451,622	1,993,029	1,432,860
Pacific Northwest	\$ 739,045	605,989	2,220,300	1,294,560
Southern	\$1,278,534	946,427	1,669,000	1,072,560
Eastern	\$1,794,900	1,968,500	2,248,890	1,907,000
Alaska	\$1,509,400	1,694,600	1,004,300	738,000
TOTAL	\$12,337,610	9,941,035	19,341,429	11,937,050

Table 5. Number of Challenge Cost-Share projects completed in 1991.

Northern	193
Rocky Mountain	204
Southwestern	230
Intermountain	720
Pacific Southwest	294
Pacific Northwest	254
Southern	296
Eastern	795
Alaska	62
TOTAL	3,048

Table 6. Acres of habitat improved in each program area, FY 1991.

		Inland	TE&S	Salmon &	
	Wildlife	Fish	Species	Steelhead	Total
Northern	1,768	22	262	15	2,067
Rocky Mountain	3,881	30			3,911
Southwestern	6,120	15	12		6,147
Intermountain	5,400	21		3	5,424
Pacific Southwest	2,547	30	202	25	2,804
Pacific Northwest	1,532	2,300	21	1	3,854
Southern	12,131	1,148	84		13,363
Eastern	3,872	371	115	17	4,375
Alaska					
TOTAL	37,251	3,937	696	61	41,945

Table 7. Number of structures built by program area, FY 1991.

		Inland	TE&S	Salmon &	
	Wildlife	Fish	Species	Steelhead	Total
Northern	40	185	22	5	252
Rocky Mountain	12	70			91
Southwestern	462	1,180	23		1,665
Intermountain	21	40	2		63
Pacific Southwest	36	477	9	42	564
Pacific Northwest	1,112	36	1	204	1,353
Southern	347	196			543
Eastern	719	577	115	14	1,425
Alaska		••	**	••	
TOTAL	2,749	2,770	172	265	5,956

Table 8. Acres of habitat inventoried by program area, FY 1991.

		Inland	TE&S	Salmon &	
	Wildlife	Fish	Species	Steelhead	Total
Northern	39,950	70	39,874	-	79,894
Rocky Mountain		380	750		1,130
Southwestern	30,596	285	149,036	-	179,917
Intermountain	17,001		728,950		745,951
Pacific Southwest	15,846	15	278,970	460	295,291
Pacific Northwest	9,262	1,185	99,600	2,012	112,059
Southern	~~			••	
Eastern	90,951	437	9,099		100,487
Alaska	900	500	33,300		34,700
TOTAL	204,506	2,872	1,339,579	2,472	1,549,429

APPENDIX B -- Figures

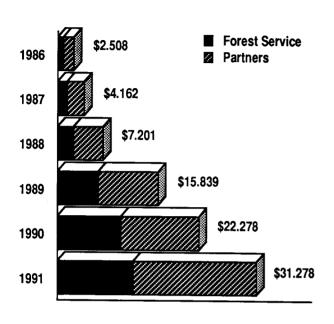


Figure 1. Forest Service and partner contributions (in millions), FY 1986-1991.

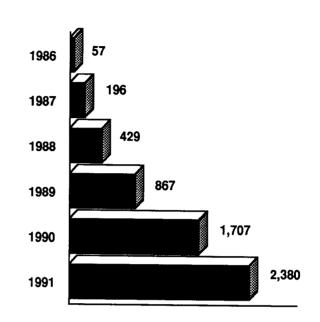


Figure 2. Number of partners, FY 1986-1991.

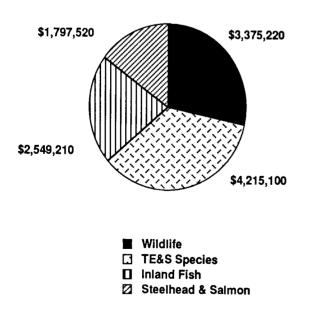


Figure 3. Forest Service contributions by program area, FY 1991.

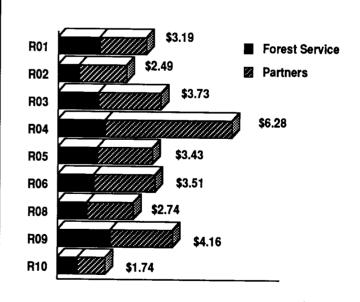


Figure 4. Forest Service and partner CCS contributions (*in millions*) by region, FY 1991.

APPENDIX C -- Partners*

NORTHERN REGION (R-1)

ID	American Birding Association	P**	CO	Colorado Bird Observatory Colorado Department of Highways	P S
ID	Boy Scouts of America Idaho Conservation Data Center	P P	CO	Colorado Department of Highways Colorado Division of Wildlife	S
ID ID	Idaho Department	۲	CO	Coryell, Ed	ı
טו	of Fish and Non-game	S	CO	Foundation for North American	•
ID	Idaho National Heritage Foundation	P	00	Wild Sheep	Р
ID	Kelly Creek Flycasters	P	CO	Heritage Foundation	P
ID	Nez Perce Tribe	P	CO	Meeker Sportsmans Club	P
ID	Rocky Mountain Elk Foundation	, P	CO	Mule Deer Foundation	P
ID	US Army Corps of Engineers	F	CO	Rocky Mountain Bighorn Society	P
ID	US Fish and Wildlife Service	F	CO	Rocky Mountain Elk Foundation	Р
ID	US Soil Conservation Service	F	CO	Safari Club International-Detroit Chapter	P
ID	University of Idaho	Р	CO	Trout Unlimited	P
ID	Wilson, Jay	i	CO	Trout Unlimited-White River Chapter	P
MT	Ashley Lake Property Owner's	•	CO	Wakara Ranch	P
	Association	Р	•	Transition	•
ΜT	Audubon Society-Pintler Chapter	Р	SOL	JTHWESTERN REGION (R-3)	
MT	Bonneville Power Administration	P		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
MT	Foundation for North American	-	ΑZ	Arboretum at Flagstaff	Р
	Wild Sheep	Р	AZ	Arizona Boys Ranch-	
MT	Liz Claiborne	Р		Civic Conservation Program	Р
MT	MT State University-		ΑZ	Arizona Department of Fish and Game	S
	Western Agriculture	Р	ΑZ		Р
MT	Montana Department of Fish,		ΑZ	Audubon Society-Arizona Chapter	Р
	Wildlife and Parks	S	ΑZ	Boy Scouts of America	Ρ
MT	Nature Conservancy	Р	ΑZ	City of Williams	Р
ΜT	North American Wild Sheep Group	Р	ΑZ	Coconino County	S
MT	Owl Research Institute	Р	ΑZ	Dalton, Dave	- 1
MT	Patagonia, Inc.	Р	ΑZ	Dalton, Virginia	ı
MT	The Peregrine Fund, Inc.	Р	ΑZ	Dona Ana County United Sportsmen	Р
MT	Rocky Mountain Elk Foundation	Р	ΑZ	Groschupf, Kathy	- 1
MT	Trout Unlimited	Р	ΑZ	Hoppe, Dick	ı
MT	University of Montana-		ΑZ	Kleinman, Andi	ı
	Wildlife Department	Р	ΑZ	Messilla Valley Fly Fishermen	Р
ΜT	Washington Water Power Company	Р	ΑZ	The Nature Conservancy	Р
			ΑZ	New Mexico Department	
ROC	CKY MOUNTAIN REGION (R-2)			of Fish and Game	S
			ΑZ	North American Bear Society	Р
	Audubon Society	Ρ	ΑZ		Р
CO	Bureau of Land Management	F	ΑZ	Oklahoma Department of Wildlife	
CO	Collins, Joe	1		Conservation	S

^{*}This partnership listing may not be complete. We apologize to those enthusuastic and dedicated partners who contributed to the success of the 1991 Challenge Cost-Share Program who were inadvertently not included in this listing.

^{**}P=private organization; S=State agency; F=Federal agency; I=individual

AZ	Rocky Mountain Elk Foundation	P	INT	ERMOUNTAIN REGION (R-4)	
AZ AZ	Safari Club International Southern Utah/Northern Arizona	Р		Danie W. B. Adda and	_
74	Wildlife Federation	Р	ID	Bonneville Power Administration	P
ΑZ	University of Arizona-	Р	ID	Bureau of Land Management	F
/ \Z	Dept of Cellular and Molecular Biology	Р	ID	Henry's Fork Foundation	Р
ΑZ	Wild Turkey Federation-	Г	ID,	Idaho Conservation Data Center	Р
,	Middle Rio Grande Chapter	Р	ID ID	Idaho Department of Fish and Game	S
ΑZ	Wild Turkey Federation-	Г	טו	Idaho Department of Fish and Game-	_
	New Mexico Chapter	Р	ID	Heritage Program	S
	Tion moxico chapter	•	ID	Idaho State University	S P
ΑZ	Wild Turkey Federation-		ID	Interagency Grizzly Bear Committee Island Park Sportsmens' Association	P
	Otero County Chapter	Р	ID	The Peregrine Fund, Inc.	P
NM	Albuquerque Wildlife Federation	P	ID	Rocky Mountain Elk Foundation	Р
NM	Animal and Plant Health	•	ID	Saint Anthony Work Camp-	Р
	Inspection Service-Damage Control	F		Conservation Crew	Р
NM	Bear Task Force	P	ID	Shoshone-Bannock Tribes-Fort Hall India	
NM	Black, Jim	1		Reservation	'Р
NM	Boy Scouts of America-Gallup Troop	Р	ΙD	Trout Unlimited	P
NM	Boy Scouts of America-Troop 206	Р	ID	US Fish and Wildlife Service	F
NM	Canadian Chamber of Commerce	Р	ID	University of Idaho	P
NM	Cibola Outdoorsmen	Р	ID	Upper Snake River Fly Fishers	P
NM	Dona Ana Associated Sportsmen	P	NV		P
NM	Giannettino, Maggie	1	NV	Boy Scouts of America-Troop 221	Р
NM	Hawkwatch International	P	NV	Boy Scouts of America-Troop 228	Р
NM	Heft, Dave	I	NV		Р
NM	Hoppe, Dick	L	NV		ı
NM NM	John Adams Middle School	P	NV		Р
NM	Kirtland Air Force Base	F	NV		Р
NM	New Mexico Boys Ranch New Mexico Department of	P		Elko Lions Club	Р
1 4141	Fish and Game	S		Hooked on Fishing Foundation	Р
NM	Oklahoma Department of	3	NV		Р
I AIAI	Wildlife Conservation	c	NV	Independence Mining Company	P
NM	Pueblo of Zuni	S P	NV NV	· · · · · · · · · · · · · · · · · ·	!
NM	Quail Unlimited-Albuquerque Chapter	Р	NV		!
NM	Quail Unlimited-Carlsbad Chapter	P	NV	Murray, Susan	ı
NM	Quail Unlimited-Las Cruces Chapter	P	NV	Nevada Chukars Unlimited Nevada Cooperative Extension Service	Р
NM	Sandia Mountain Wildlife Conservation	•	NV	Nevada Department of Wildlife	P S
	Association	Р	NV	Nevada Division of Environmental	3
NM	Stratton, Joe	İ		Protection	s
NM	US Fish and Wildlife Service	F	NV		S
NM	Western Farmers Association	Р	NV		P
NM	Wild Turkey Federation-		NV		P
	Albuquerque Chapter	Р	NV		Р
NM	Wild Turkey Federation-		NV		i
	Las Cruces Chapter	Р	NV	Rocky Mountain Elk Foundation	P
NM	Wild Turkey Federation-		NV	Rotary Club of Elko	Р
A 10 -	Middle Rio Grande Chapter	P	NV	Soroptimist International of Elko	Р
NM	Zeedyk, Bill	ı	NV	Spring Creek Elementary School	Р
			NV	1	
				Future Farmers of America	Р

NV	Terry Gust Electric	Р	CA	California Dept of Corrections-	_
	Trout Unlimited-Elko Chapter	Р		Sugar Pine Conservation Camp	S
NV	Unruh, Don	<u> </u>	CA	California Environmental License Plate	_
UT	Brigham Young University	P		Program	S
	Bureau of Land Management	F	CA	California Native Plant Association	Р
	Chriss Lake Water Storage Irrigators	P	CA	•	Р
UT	Utah Division of Wildlife Resources	S	CA	•	_
UT	Utah Natural Heritage Program	P		Bristlecone Chapter	Р
			CA	California Polytechnic University	Р
PAC	CIFIC SOUTHWEST REGION (R-5)		CA	California State University-Chico	Р
•	A 1 % 51 61 1	_	CA	California Trout	Р
CA	Aguabonita Flyfishers	P	CA	California Wildlife Conservation Board	S P
CA	Allen, Linda	Ī	CA	Camino Elementary School	P
CA	American Birding Association	Р	CA	Central California Sportsmen's Council	
CA	American Fishing Tackle	Р	CA	Chick, Carol	l P
CA	American Sports Fisheries	D	CA	Chico Flyfishers Club	S
Ω Δ	Enhancement-Redding Chapter	P	CA CA	Clovis Unified School District	P
CA	Atencio, Leonard	I P	CA	Coloma Building Supply Coors Brewing Company	P
CA CA	Audubon Society Audubon Society-Mount Shasta Chapter	P	CA	Council on International Education	
CA	Australian Conservation Corps-Montague	P	CA	Exchange	Р
CA	Back Country Land Trust	P	CA	Cramer, Mr. and Mrs.	i
CA	Barney, Paul	I	CA	Cub Scouts-Willow Creek Chapter	P
CA	Betts, Don	i	CA	Davies, William	1
CA	Big Brothers/Sisters of San Diego	P	CA	Deep Springs College	P
CA	Bishop Anglers	P	CA	Ducks Unlimited	P
CA	Bishop Resource Area	•	CA	El Dorado Northern Lumber	P
OA.	of the Bureau of Land Management	F	CA	Eldorado County Game Commission	S
CA	Boy Scout Troop 278	Р	CA	Eldorado Irrigation District	P
CA	Boy Scouts of America	Р	CA	Engelson, Pam	i
CA		F	CA	Engleman, George	ĺ
CA	Bureau of Reclamation	F		Escondido High School	Р
CA		P	CA	Fall River Resource	
CA		1		Conservation District	F
CA	Butte Valley Resource		CA	Fisher, Jim	ı
	Conservation District	F	CA	Four Wheeler Magazine	Ρ
CA	California Department Corrections-		CA	Fresno County Sportsmen Club	Р
	Trinity River Conservation Camp	S	CA	Fresno Flyfishers	Р
CA	Cal-Poly University at San Luis Obispo	Р	CA	Fruitgrowers Supply Company	Р
CA	California Conservation Corps	S	CA	Georgetown Fire Department	Р
CA	California Conservation Corps-		CA	Georgetown Public Utilities District	S
	Forest Glen	S	CA	Girl Scouts of America-Troop 2119	Р
CA	California Conservation Corps-		CA	Guepal, Geuff	ı
	Montague	S	CA	Hamilton, Marianne	1_
CA	California Department of Fish and Game	S	CA	Hardman Foundation	P
CA	•	S	CA	High Sierra Flyfishers	P
CA	California Department of Forestry-	_	CA	High Sierra Homeowners Association	Р
	Soil Conservation Survey	S	CA	Hobbs, George	l ·
CA	•	^	CA	Holland, Dan	١
~ -	Parks and Recreation	S	CA	Humboldt Bay Municipal Water District	S
CA	•	S	CA	Humboldt Engineering Company	P
CA	California Department of Water Resource	s S	CA	Humboldt State University	S

CA	Humboldt State University Foundation	S	CA	,	Р
CA	Hunkins, Martha	I	CA	Siskiyou Training and Employment	
CA	Izaak Walton League	Р		Program	S
CA	Jack L. Boyd Outdoor School	Р	CA	Southern California Edison Company	Р
CA	Jeepherders OHV Club	Р	CA	Sproul, Fred	ı
CA	Jones, Donald	l .	CA	Stefani, Rosemary	1
CA	Karuk Tribe of California	Р	CA	Student Conservation Association	Р
CA	Kaweah Flyfishers	Р	CA	Telephone Pioneers of America	Р
CA	Kemmer, Byron	I _	CA	Trinity County Fish and Game	
CA	Kern River Flyfishers	Р		Advisor Commission	S
CA	Kern, Los Angeles,	_	CA	Trinity County School	Р
O 4	and Monterey Counties	S	CA	Trinity High School	Ρ
CA	Kids for Preservation	P	CA	Trinity River Restoration Program	F
CA	Kings Canyon/Sequoia National Park	F	CA	Trinity River Task Force	F
CA	Kings River Conservation District	S	CA	Tulare County Conservation Corps	S
CA	Klamath River Basin		CA	University of California-	
~ ^	Restoration Task Force	F		White Mountain Research Station	Р
CA	Laguna Mountain Volunteer Association	P	CA	University of California-	
CA	Lengas, Brad	l l		Zoology Department at Berkeley	Р
CA	Los Angeles County Camp 19	S	CA	US Environmental Protection Agency	F
CA	Los Angeles Department of Water	_	CA	US Fish and Wildlife Coop Unit	F
Λ Λ	and Power	S	CA	US Fish and Wildlife Service	F
CA	Los Angeles Zoo	P	CA	University of California-Davis	Р
CA	Madera County Fines Commission	P	CA	Ventana Wilderness Sanctuary	Р
CA	Madera County Private Industry Council	S	CA	Wildlife Conservation Board-	
CA CA	Mammoser, Mike	Ī		Fresno and Tulare County	S
CA	Mammoth FlyRodders	Р	CA	Wiljanen, Kristian	ı
CA	Manufacturers Association	Р	CA	Willow Creek	
CA	Mar-Val Food Stores, Inc.	P		Community Services District	S
CA	Martin, Lynn	ı		Winter, Maiken	1
CA	McCloud Elementary School	Р		Yosemite National Park	F
CA	McCloud High School	Р		Youth Conservation Corps-Hayfork	Р
CA	Mono Lake Committee	P	CA	Youth Conservation Corps-Mount Shasta	Р
	Moore, John	1	CA	Yreka High School	
CA	Mule Deer Foundation-Executive Office	P		Special Education Classes	Р
CA CA	Mule Deer Foundation-Redding Chapter	Р	OR	3M Scientific Anglers	Р
	National Ecology Research Center	Р	OR	Abel Automatics	Р
CA	National Wild Turkey Federation-	-		AC Valley Ambulance Company	Р
C 4	River City Chapter	Р	OR	ALLTEL Phone Company	Р
CA	Nature Conservancy	P	OR	Angling Club PDX	Р
CA	Noerdinger, Ed	1	OR	Aspen Ridge Resort	Р
CA	Northern California Indian Development	_	OR	Audrey, Gary	ı
^^	Council	Р	OR	Audubon Society-Central Oregon	
CA	Pacific Coast Federation of Fishermen's	_		Chapter	Р
^	Association	P	OR	Audubon Society-Columbia Gorge	
CA	Pacific Gas and Electric Company	P		Chapter	Р
CA	Pacific Power and Light	P	OR	Audubon Society-National Chapter	Р
CA	Sierra Pacific Industry	Р	OR	Bait Shop	Р
CA	Sierra Resource Conservation District	S	OR	Bend-Lapine School District	Р
CA	Sierra Wildlife Rescue	Р	OR	Berkley	Р
CA	Sigma Chi-SDSU Chapter	Р	OR	Berry Botanical Gardens	Р
CA	Silmar Hills Sportsman's Club	Р	OR	Bi Mart Stores	Р

OR	Bilbo the Clown	Р	OR	Hatfield Marine Science Center	Р
OR	Black Butte School	P	OR	Henrich, John	1
OR	Black Tailed Deer Society	Р	OR	Hill Crest Motors	Р
OR	Bob Slagel Trucking	P	OR	Hook and Tackle Company	Р
OR	Bonneville Power Administration	Р	OR	Hook, Line, and Sinker	P
OR	Bruton, Bob	i	OR		P
		•		Hooked on Fishing International	
OR	Bureau of Indian Affairs	F	OR	Illinois Valley 4-H Clubs	Р
OR	Bureau of Land management	F	OR	Illinois Valley Kiwanis	Р
OR	Bureau of Land Management-		OR	Indian Creek Dismantlers	Р
	Medford District	F	OR	International Paper	Р
OR	Cabela's	Р	OR	Isaak Walton League	Ρ
OR	Camp's Lumber	Р	OR	Jim's Fishing Tackle	Р
OR	Cascade Feed and Seed	Р	OR	Joint Venture	Р
OR	Cascade School District	P	OR	Josephine County K-9 Team	P
OR	Catlin Gabel High School	P	OR	Josephine County Parks and Recreation	s
OR	Caveman Kiwanis	P	OR	•	S
				Josephine County Search and Rescue	
OR	Center for Independent Living	P	OR	Josephine County Sheriff's County	S
OR	Central Oregon Flyfishers	P	OR	Josephine County Sheriff's Reserves	S
OR	Channel 10 Television Station	Р	OR	K-Mart Corporation	Р
OR	Channel 12 Television Station	Р	OR	Kettias County	S
OR	City of Reed Sport	Р	OR	Kiwanis Key Clubs	Ρ
OR	City of Sisters	Р	OR	Lake County	S
OR	Coalition for the Deschutes	Р	OR	Lake Selmac Resort	Р
OR	Coastal America	P	OR	Lane County Tourism	P
OR	Columbia Bass and Walleye Association	P	OR	Larry's Sports Center	Р
OR	Columbia Sportswear	P	OR	Lions Club	P
OR					
	Confederated Tribes of Warm Springs	P	OR	Luhr Jensen, Inc.	Р
OR	Copeland Lumber	P	OR	Mile High Bassmasters	P
OR	Copeland Sand and Gravel	Р	OR	Milwaukie High School	Р
OR	Cortland Line Company	Р	OR	Mr. Plywood	Р
OR	Corvallis Oregon Astronomers Club	Р	OR	Mount Bachelor, Inc.	Р
OR	D & G Bait	Р	OR	Mount Hood National Forest Employees	Ρ
OR	Daiwa	Р	OR	Multnomah County Parks	S
OR	Davidson Industries	Р	OR	National Guard	F
OR	Defenders of Wildlife	P	OR	National Park Service	F
OR	Deschutes River Mitigation	Р	OR	Northwest Bass Club	P
OR	Disabled American Veterans	P	OR	Northwest Steelheaders Club	P
OR		•			-
	Douglas County	S	OR	Oregon ATV Commission	S
OR	Ducks Unlimited	P	OR	Oregon Coast Aquarium	Р
OR	Eastern Oregon State College	P	OR	Oregon Coast Magazine	Р
OR	Estacada Scholl District	Р	OR	Oregon Department of Agriculture	S
OR	Fisherman's Marine Supply	Р	OR	Oregon Department of Environmental	
OR	Fly Fishing Shop	Р		Quality	S
OR	Fred Meyer Retail Stores	Р	OR	Oregon Department of Fish & Wildlife-	
OR	Friends of the Metolius-			R & E Program	S
	Oregon Chapter	Р	OR	Oregon Department of Fish and Wildlife	Š
OR	GI Joe's Inc.	P	OR	Oregon Department of Fish&Wildlife-	O
OR	Girl Schouts of America	P	OIT	S.T.E.P.	c
OR	Grant County Bird Club	-	ΔD		S
	-	P	OR	Oregon Department of Forestry	S
OR	Grants Pass Boy Scout Troop #22	P	OR	Oregon Department of Transportation	S
OR	Grants Pass Chamber of Commerce	S	OR	Oregon Hunters Association	P
OR	Grants Pass Sanitation	P	OR	Oregon Native Plant Society	Р

OR	Oregon Natural Heritage Association	Р	OR	Sunriver Anglers	Р
OR	Oregon State Marine Board	S	OR	Teeny Nymph Company	Р
OR	Oregon State Parks	S	OR	Timber Lake Job Corps	S
OR	Oregon State University	Р	OR	Trout Unlimited	Р
OR	Oregon State University Extension		OR	Tualatin Valley Building Supply	Р
	Service	S	OR	Umpqua Feather Merchants, Inc.	Р
OR	Oregon State University-		OR	University of Oregon	Ρ
	Dr. Stan Gregory	Р	OR	US Army Corps of Engineers	F
OR	Oregon Trout	Р	OR	US Army Special Forces	F
OR	Pacific Power and Light Company	Р	OR	US Coast Guard	F
OR	Paralyzed Veterans of America	Р	OR	US Fish and Wildlife Service	F
OR	Patagonia Sportswear	Ρ	OR	Wade Rentals	Р
OR	Pay Less Drug Stores	Р	OR	Waldport Chamber of Commerce	S
OR	Penn Fishing Tackle Manufacturing, Inc.	Р	OR	Walker, Dale	Ī
OR	The Peregrine Fund, Inc.	Р	OR	Wasco County Soil and Water	-
OR	Plum Creek Timber Company	Р		Conservation District	S
OR	Portland General Electric	Р	OR	Water Gremlin Company	P
OR	Portland State University	Р	OR	Wenner, Annie	i
OR	Powell's Books	Р	OR	Wenner, Karl	i
OR	Powers Step	S	OR	Wetland Wildlife Watch	P
OR	R & R King Logging	P	OR	Willamette Industries	P
OR	R-Haus Restaurant	Р	OR	Willamette Retrievers Club	Р
OR	Rainbow Trout Farm	P	OR	Wilsonville Moose	P
OR	REI, Inc.	P	OR	Yachats Chamber of Commerce	s
OR	Restoration and Enhancement Board	S	OR	Yaquina Bay Birders	P
OR	Rick's Custom Fencing and Decking	P	OR	Youth Conservation Corps	P
OR	Rocky Mountain Elk Foundation	P	OR	ZX Ranch	P
OR	Roen, John	İ	WA	Alcoa	P
OR	Rogue Flyfishers	Р	WA	Andrews Concessions	P
OR	Rogue River Cleaners	Р	WA	Audubon Society-	•
OR	Rogue Valley Council of Governments	S		Columbia Gorge Chapter	Р
OR	S.A.G.A. Graffics Company	Р	WA	Audubon Society-	•
OR	Safeway Markets	Р		National Chapter	Р
OR	Sage Rods	Р	WA	Audubon Society-	•
OR	Sandy Steelheaders	Р		Vancouver Chapter	Р
OR	Select Food Marts	Р	WA	Audubon Society-	•
OR	Selectafly West	Р		Washington State Chapter	Р
OR	Selma Air Force	Р	WA	Battleground School District	P
OR	Shop Smart Food Marts	Р	WA	Boise Cascade Corporation	F
OR	Sierra Club Inner City Outings	P	WA	Bonneville Power Administration	P
OR	Silkscreen Printers	Р	WA	Bortles, Dan	i
OR	Silver Lake Irrigation District	S	WA	Bureau of Indian Affairs	F
OR	Simpson Timber Company	P	WA	Bureau of Land Management	F
OR	Siuslaw Rod and Gun Club	P	WA	Center for Streamside Studies	F
OR	Smith's Tackle Shop	P	WA	Central Washington Bank	P
OR	Snag Proof	P	WA	Central Washington University	Р
OR	Soil Conservation Service	S	WA	Chelan County Public Utility	s
OR	Southern Oregon Bass Club	P	WA	Circle S Recovery Ranch	Р
OR	Southern Oregon Coast	-	WA	Clark/Skamania Flyfishers	Р
	Fishermens Club	Р	WA	Coalition of Handicapped	•
OR	Specialty Wholesalers Company	P	•	Organizations	Р
OR	Stream Designs	P	WA	Confederated Tribes of Colville	P
	-				•

WA	Confederated Tribes of Warm Springs	Р	AL	Anniston Museum of Natural History	Р
WA	Foundation for North American	В	AL	Arley Quail Hunters	P P
14/4	Wild Sheep Friends of Mount Saint Helens	Р	AL	Auburn University	, r
WA WA		P P	AL AL	Bailey, Mark Bankhead Sportsman Club	P
WA	Harding University	P		•	ı
	Lake Quinault Lodge	•	AL	Bladow, Harry	-
WA	Leavenworth Audubon Adopt-a-Forest	Р	AL	Bladow, Rose	-
WA	Morton High School	Р	AL	Bradley, Buddy	P
WA	National Park Service	Р	AL	Brent Civitans	7
WA	Northwest Indian Fisheries Commission	Р	AL	Carroway, David	ı
WA	Northwest Interpretive Association	Р	AL	Champion International Corporation	P
WA	Okanogan County	S	AL	Clements, Nelson	l i
WA	Pacific Lumber and Shipping	P	AL	Cook, Chris	Ī
WA	Pacific Northwest Forest Association	Р	AL	County Line Hunting Club	Р
WA	The Peregrine Fund, Inc.	Р	AL	Ducks Unlimited-	
WA	Production Services	P		Anniston/Oxford Chapter	P
WA	Quilete Indian Tribe	Р	AL	· ·	P
WA	Quinault Indian Tribe	P	AL	Godsey, Ricky	ļ
WA	Rain Forest Resort Village	P	AL	Helfin Lions Club	Р
WA	San Francisco State University	Р	AL	Henley Ranch Hunting Club	Р
WA	Skamania County Noxious Weed	_	AL	Hepp, Gary	Ī
	Control Board	S	AL	Hjelm, Pat	Р
WA	Skamania County Sports Council	S	AL	Lost Dog Hunting Club	Р
WA	Trout Unlimited-Icicle Valley Chapter	Р	AL	Maddox, Jake	ı
WA	Trout Unlimited-Yakima Chapter	Р	AL	Mann Steele	Р
WA	US Army Corps of Engineers	F	AL	Martin, Todd	ı
WA	US Fish and Wildlife Service	F	AL	National Wild Turkey Federation-	
WA	Valley Tractor	Р		Alabama State Chapter	Р
WA	Wapato Elementary School	Р	AL	Neal, Milton	ı
WA	Washington Department of Ecology	S	AL	Panther Creek Hunting Club	Р
WA	Washington Department of Fisheries	S	AL	Quail Unlimited-Heart of Dixie Chapter	Р
WA	Washington Department of Natural		AL	Ranch Hunting Club	Р
	Resources	S	AL	Scott Paper Company	Р
WA	Washington Department of Wildlife	S	AL	Shattler, Steve	-
WA	Washington Environmental Council	P	AL	Sweetwater Hunting Club	Р
WA	Washington Native Plant Society	Р	AL	Tillery Creek Hunting Club	Р
WA	Washington Natural Heritage Program	S	AL	Vandiver, W.D.	l
WA	Washington Wolf Project	Р	AL	Vonaxelson, Oscar	1
WA	Wenatchee Forestry Sciences Lab	F	AL	Wiscaver, Robert	ı
WA	Weyerhaeuser Company	Р	AR	American Legion Auxiliary Post #46	Р
WA	White Pass High School	Р	AR	American Legion Post #46	Р
WA	Wilderness Society-Seattle Chapter	Р	AR	Arkansas Fish and Game Commission	S
WA	Wildlife Habitat Enhancement Now	Р	AR	Arkansas Fish and Wildlife	
WA	Wolf Haven	Р		Cooperative Research Unit	S
WA	Yakima Indian Nation	Р	AR	Arkansas Natural Heritage Program	S S
			AR	Arkansas Nature Conservancy	S
SOL	ITHERN REGION (R-8)		AR	Arkansas Power and Light Company	Р
	· · · ·		AR	Arkansas State Bank	Р
AL	Alabama Division of Fish and Game	S	AR	Arkansas Tech University	S
AL	Alabama Forestry Commission	S	AR	Arkansas Trappers Association-	
AL	Alabama Natural Heritage Program	S		Poteau River Valley Chapter	Р
AL	Andalusia Kiwanis Club	Р	AR	Arkansas Valley Bank	Р

AR	Audubon Society-Arkansas Chapter	Р	AR	Robison, Henry	1
AR	Aux Arc Gun Club	Р	AR		Р
AR	Bill Norman's Lures	Р	AR	Scott Hampton-Perryville	P
AR	Booneville Democrat	P	AR	Slo Fork Store	Р
AR	Booneville Rotary Club	Р	AR	Sonic Drive-in - Mena	Р
AR	Chichlah Hunt Club	P	AR	South Bend	Р
AR	Chiquitas	P	AR	Southwest Texas University	S
AR	Citizens Bank	Р	AR	Spokes and Folks	Р
AR	Dardanelle Marine	Р	AR	Sports Scene	Р
AR	Duke's Junction	P	AR	Superior Federal Bank	Р
AR	Eagle Claw	P	AR		Р
AR	Elzy, Ken	!	AR	Tennessee Tech University	Р
AR	Ferguson, Ray	ļ	AR	Today's Kids	Р
AR AR	Ferguson, Todd	1	AR	Trading Post-New Balance	Р
AR	First National Bank	Р	AR	Trout Unlimited	Р
	First State Bank of Arkansas	Р	AR	True Value Hardware	Р
AR AR	Gibson's Super Save	Р	AR	Tyson Foods	P
	Grubbs	P	AR	Union Bank	Р
AR AR	Harris, John	Ī	AR	University of Arkansas	S
AR	Harvest Foods-Russellville	Р	AR	US Fish and Wildlife Service	F
AR	Highway 27 Bait Shop	P	AR	US Soil Conservation Service	F
AR	Hooked on Fishing International	Р	AR	Vess Equipment Company	P
AR	Hot Springs Village Anglers Ico Stores-Russelville	Р	AR	Wal-Mart Stores-Booneville	P
AR	K-Mart Stores-Russellville	Р	AR	Wal-Mart Stores-Dardanelle	P
AR	Madd Ox	Р	AR	Wal-Mart Stores-Mena	Р
AR	Magic Bait Company	Р	AR	Wal-Mart Stores-Oden	P
AR	Mazzio's Pizza-Booneville	P	AR	Westark Wildlife Club	P
AR	McDonald's-Mena	P P	AR	Western Auto-Booneville	Р
AR	Mena Nature Club	P	AR	Western Auto-Danville	Р
AR	Mena Optimist Club	r P	AR AR		Р
AR	Mena Video	P	FL		Р
AR	Movie World Videos	P		and the second s	Р
AR	Mount Ida Lions Club	P	FL FL	Boy Scouts of America	Р
AR	Mount Ida True Value	P	ΓL	Florida Game and Freshwater Fish Commission	_
AR	Murdock's Mini Market	P	FL		S
AR	NAPA Auto Parts	P	FL	Florida Natural Areas Inventory	S P
AR	National Wild Turkey Federation	P	FL	Girl Scouts of America National Wildlife Federation	-
AR	National Wild Turkey Federation-	ı	FL	National Wild Turkey Federation	Р
	Arkansas Chapter	Р	FL	Quail Unlimited	Р
AR	Oden High School		FL	Tall Timbers Research Station	Р
	Woods and Waters Club	Р	FL	University of Florida	Р
AR	Ouachita Bassmasters	P	KY	Ashland Oil, Inc.	Р
AR	Outdoor Living Center-Russellville	P	KY	Audubon Society-Buckley Hills	Р
AR	P.J. Brigance	P	KY	Audubon Society-Buckley Hills Audubon Society-Green River	P P
AR	Pizza Hut-Dardanelle	, P	KY	Bath County-	Г
AR	Pizza Hut-Mena	P	1 1	Future Farmers of America	D
AR	Plano	P	KY	Beaver Creek Sportsman Club	P P
AR	Quail Unlimited	P	KY		r P
AR	Rennae Sims Hardware	P	KY	Bluegrass Grotto	S
AR	Rick's Prime Time	Р	KY	Bryant, Bill	ı
AR	River Valley Marine and Tackle	Р			ı
	-				

WW	Cassy Campany		L/V	Soular Prothora	Р
KY	Casey Company	S	KY KY	Saylor Brothers Shell Mini-Mart	Р
KY	Raptor Rehabilitation Center City of Morehead	P	KY	Saint Johns Wildlife Care	P
KY	Clay Hardware	P	KY	Silver Muskie Club	P
KY	Cliff's Discount	P	KY		P
KY	Cropper, John	ī	KY	Sproles, Jim	i
KY	Davis, Wayne	İ	KY	Subway	P
KY	Dobson's Supermarket	P	KY	Super America Station	P
KY	Ducks Unlimited	P	KY	Tarter, Kim	i
KY	Eastern Kentucky University	S	KY	Tennessee Tech	P
KY	Edwards, Wayne	Ĭ	KY	Trentman, Joe	i
KY	Fast Food & Fuel Center	P	KY	•	Р
KY	Field and Stream, Jr.	P	KY	Trout Unlimited-Louisville Chapter	P
KY	Friends of the Redbird	P	KY	•	P
KY	Garrison, Joan	į	KY		F
KY	Goorvell, Rex	İ	KY	US Fish and Wildlife Service	F
KY	Green Hills Fish & Game	•	KY	US Soil Conservation Service	F
KI	Conservation Club	Р	KY	University of Kentucky	P
KY	Hardees	P	KY	Upper Cumberland	•
KY	Harrison, Jim	i	18.1	Fishing and Hunting Club	Р
KY	Iga Shopwise	P	ΚV	Vanover, Chester	i
KY	Jenkins, Michael	i	KY		•
KY	Johnson's Gulf & Sporting Goods	P	17.1	Future Farmers of America	Р
KY	Keegan, W.J.	i	ΚV	Whitley County Gamke Club	s
KY	Kentucky Department of Fish & Wildlife	s	KY		P
KY	Kentucky Nature Preserves Commission	S		Wiser Oil Company	P
KY	Laurel Fork Wildlife Club	P	KY		F
KY	Lees Famous Recipe	P	KY	•	i
KY	Long John Silvers	P		Wyatt, Charlie	i
KY	Lyles, John	i	KY		F
KY	McDonalds	P	KY		Р
KY	Mennifee County Fish and Game Club	Р	LA	Louisiana Department	•
KY	Morehead State University	S	L, .	of Wildlife and Fisheries	S
KY	Murray, Ross	Ĭ	ΙΔ	Louisiana State University	Š
KY	National Speleological Society	Р		National Wild Turkey Federation	P
KY	Natural Bridge State Park	s S	LA	•	Р
KY	The Nature Conservancy	P	LA	Quail Unlimited	Р
KY	Neal, Ray	i	LA	US Fish and Wildlife Service	F
KY	Newsome, Andrew	i	MS	4-H Club	P
KY	North Carolina	•	MS	Audubon Society-	•
•••	Wildlife Resources Commission	S		Pine Woods Chapter	Р
KY	Ohio State University	Š	MS	Bald Hill Hunting Club	P
KY	Or. Jean Sullivan	P	MS	Bass Club-Oxford Chapter	P
KY	Pizza Hut	P	MS	Boy Scouts of America-Troop 63	P
KY	Plano Company	P	MS	Caney Creek Hunting Club	P
KY	Quickie Markey	P	MS	Cowan, Archie	i
KY	R&S True Value Hardware	P	MS	Dixie Pipe, Inc.	P
KY	Rainbow Video	P	MS	Garden Club of America	Р
KY	Rawlins, Travis	Ì	MS	Gulf Coast BASS Club	P
KY	Roger & White Jewelry Store	P	MS	Leaf River Coon Hunters Association	P
KY	Rowan County Wildlife Club	P	MS	Lunkers Unlimited Bass Club	Р
KY	Ruffed Grouse Society	P			•
	•				

MS	Mississippi Cooperative		OK	Lakeside Groceries	Р
	Extension Service	S	OK		S
MS	Mississippi Deer Hunting Club-		OK		Р
	Harrison County Chapter	P	OK		Р
MS	Mississippi Dept of		OK		
	Wildlife, Fisheries and Parks	S		Oklahoma Chapter	Р
MS	Mississippi Museum of		OK	Oklahoma Department of	
	Natural Science	Р		Wildlife Conservation	S
MS	Mississippi National Guard	F	OK	Oklahoma Natural Heritage Inventory	S
MS	Mississippi State University	S	OK	00 / gg·/	Р
MS	Nature Center, Inc.	Р	OK		Р
MS	Ponderosa Hunting Club	Р	OK		Р
MS	Quail Hunters Club-Perry County	Р	OK		Р
MS	Quail Unlimited	Р	OK		Р
MS	Sierra Club	Р	OK		Р
MS	Tishkill Hunting Club	Р	OK		Р
MS	US Soil Conservation Service	F	OK	· · · · · · · · · · · · · · · · · · ·	Р
MS	University of Mississippi	Р	OK		Р
MS	Wildlife Society	P	OK	Talihina State Bank	Р
MS	Zimmerman, Mr. and Mrs.	1	OK	Wal-Mart Stores-Broken Bow	Р
NC	Appalacian Trail Conference	Р	OK		Р
NC	Ducks Unlimited	Р	OK		Р
NC	East Carolina University	Р	OK	Womack's Taxidermy	Р
NC	Highlands Biological Station	Р	OK	Zebco, Plano, Magnum and Burke	Р
NC	Montgomery County Bird Club	P	SC	Charleston Natural History Society	Р
NC	National Wild Turkey Federation	Р	SC	Clemson University	Р
NC	Natural Heritage Program	S	SC	Coastal Carolina Biology Club	Р
NC	North Carolina Council of		SC	Connie Maxwell	Р
	Trout Unlimited	P	SC	Edgefield County	
NC	North Carolina Wildlife			Law Enforcement Association	S
	Resources Commission	S	SC	Erskine College	Р
NC	Ruffed Grouse Society	Р	SC	John Harrison	Р
NC	Southern Appalacian		SC	John de la Howe School	Р
	Highlands Conservancy	Р	SC	National Rifle Association	Р
NC	Wake Forest University	Р	SC	National Wild Turkey Federation	Р
OK	Ace Hardware	Р	SC	The Nature Conservancy	P
OK	Catfish King	Р	SC	Quail Unlimited	P
OK	Cedar Lake General Store	Р	SC	South Carolina Arms Collectors	P
OK	Central National Bank	Р	SC	South Carolina Department	•
OK	Coast to Coast	Р		of Wildlife and Marine Resources	S
OK	D & W Bait Shop	Р	SC	South Carolina Waterfowl Association	P
OK	Dairy Queen	Р	SC	Wildlife Action	P
OK	Ducks Unlimited-		TN	Aquatic Specialists, Lifespace	•
	Oklahoma Chapter	Р		Technologies	Р
OK	First National Bank	P	TN	Bays Mountain Park Commission	P
OK	Hardees-Broken Bow	P	TN	Bear and Boar Association	P
OK	Hardees-Idabel	P	TN	Boy Scouts of America-	•
OK	Heavener Lions Club	P		Etowah Troop	P
OK	Heavener Pawn and Gun Shop	P	TN	Bristol Herald Currier	Р
OK	Homeland	P	TN	Federation of Fly Fishermen	Р
OK	Hooked on Fishing International	Р	TN	Hooked on Fishing International	P
OK	Idabel Lions Club	Р	TN	Johnson City Press	P
		-			r

TNI	Visconia Club of Motropoliton Vincenest	0	\/A	Dath County	6
TN TN	Kiwanis Club of Metropolitan Kingsport	P P	VA VA	Bath County	S
TN	McCloud Lumber Company Mountain City Lumber Company	P	VA	Bear, Jim	i P
TN	National Forests of North Carolina	F	VA	Big Lots Boy Scouts of America	Р
TN	National Foundation	Г	VA	Boy Scouts of America-Troop 26	P
114	to Protect the American Eagle	Р	VA	Boy Scouts of America-Troop 95	P
TN	National Wild Turkey Federation-	•	VA	Brewster, Paul	i
111	Cherokee Chapter	Р	VA	Burger King	P
TN	National Wild Turkey Federation-	•	VA	CJ's Pizza	P
	Cumberland Chapter	Р	VA	Camelot Hall Nursing Home	P
TN	National Wild Turkey Federation-	•	VA	Campbell Funeral Home	P
•••	North Cherokee Chapter	Р	VA	Center for Independence of the Disabled	P
TN	Outdoor West, Inc.	Р	VA	City Shoe Shop	P
TN	Ruffed Grouse Society	Р	VA	Clintwood Farm Supply	P
TN	Sierra Club-Cherokee Chapter	Р	VA	Coca-Cola Bottlers	P
TN	Somers, Paul	i	VA	Cowboys	P
TN	Southern Appalachian Sportsmans Club	P	VA	Crouse's Department Store	P
TN	Tennessee Conservation League	P	VA	Curtus Russell Logging Company	P
TN	Tennessee Department of Conservation	S	VA	D & H Discount	Р
TN	Tennessee Ornithological Society	Р	VA	Dabney Lancaster Community College	Р
TN	Tennessee Technological University	S	VA	Dairy Queen	Р
TN	Tennessee Valley Authority	F	VA	Damascus Sporting Goods	Р
TN	Tennessee Valley Sportmens Association	Р	VA	Damascus Video & Gun	Ρ
TN	Tennessee Wildlife Resources Agency	S	VA	Duck's Grocery	Р
TN	Trout Unlimited-Appalachian Chapter	Р	VA	Ducks Unlimited	Р
TN	Trout Unlimited-Cherokee Chapter	Р	VA	Food City Market	Р
TN	Trout Unlimited-Smoky Mountain Chapter	P	VA	Food Lion	Р
TN	Trout Unlimited-Tennessee Council	Р	VA	Francis Brothers Hardware	Р
TN	U.S. Fish and Wildlife Service	F	VA	Freedom Ford	Р
TN	University of Georgia	S	VA	Freeman Fuels	Р
TN	University of Tennessee	S	VA	Girl Scouts of America	Р
TN	Wake Forest University	S	VA	Glenn Hills Sporting Goods	Р
TX	Fannin County Bass and		VA	Glenn's Friendly Market	Р
	Northeast Texas Angler Associations	P	VA	Graham, Terry	ı
TX	National Wild Turkey Federation	P	VA	Greater Allegheny	
TX	National Wild Turkey Federation-			Chamber of Commerce	S
	Pineywoods Chapter	Р	VA	Greene, Rhonda	1
TX	National Wild Turkey Federation-		VA	Hardee's Restaurants	Р
	Rusk County Chapter	P	VA	Highland Market	Ρ
TX	Nature Conservancy	Р	VA	•	Ρ
TX	Quail Unlimited	Р	VA	Home & Auto True Value Hardware	Р
TX	Texas Department of Parks and Wildlife	S	VA	Home Hardware	Р
TX	Wetland Habitat Alliance of Texas	P	VA	Hunter Den	Р
VA	4-H/Bath County High School	P	VA	Ingle's Supermarkets	Р
VA	4-H/Valley Elementary School	P	VA	Issacs, Abe	1_
VA	Abie's Gun & Tackle	P	VA	•	P
VA	Abingdon Outdoorsman	P	VA	J & J Market and Tackle	P
VA	Allegheny County	S	VA	James Madison University	Р
VA	Appalachian Forest Management Group	P	VA	James Madison University Anglers Club	Р
VA	Atkins Grocery	Р	VA	K-Mart	Р
VA	B.A. Mullican Lumber Company	P	VA	Kennedy's Piggly Stores, Inc.	Р
VA	Barnette's Kwik Shop	Р	VA	King Coal Motors	P

VA	Konnarock Store	Р	VA	Trout Unlimited-	
VA	Last Chance Bass Club	Р	• • • • • • • • • • • • • • • • • • • •	Northern Virginia Chapter	Р
VA	Lawson Water Conditioning	P	VA	Trout Unlimited-	•
VA	Lawson, Elizabeth	i	•••	Massanutten Chapter	Р
VA	Long John Silver's Restaurants	P	VA	Trout Unlimited-	•
VA	Lowe's	P		Mountain Laurel Chapter	Р
VA	Magic Mart	P	VA	Trout Unlimited-	
VA	Marshall-Miller Associates	Р		New River Valley Chapter	Р
VA	McDonald's Restaurants	Р	VA	Trout Unlimited-	-
VA	Mead Paper	Р		Skyline Chapter	Р
VA	Miller's Service	Р	VA	Trout Unlimited-	
VA	Mitchell's Fashion Shoppe	Р		Virginia Capitol Chapter	Р
VA	Moore's Sporting Goods	Р	VA	Trout Unlimited-	
VA	Morgan-McClure Chevrolet	Р		Virginia Council	Р
VA	Mullins Jewelry	Р	VA	•	P
VA	NAPA Auto Parts	Р		Vanhuss, Abie	1
VA	National Rifle Association	Р	VA	Virginia Department	
VA	National Wild Turkey Federation	Р		of Game and Inland Fisheries	S
VA	National Wild Turkey Federation-		VA	Virginia Department	
	Allegheny Long Spurs Chapter	Р		of Game and Inland Fisheries	S
VA	National Wild Turkey Federation-		VA	Virginia Electric Power Company	Р
	Mountain Strutter Chapter	Р	VA		P
VA	National Wild Turkey Federation-			•	Р
	Stonewall Jackson Chapter	Р	VA	•	Р
VA	National Wild Turkey Federation-		VA	Wade's Market	Р
	Virginia Chapter	Р	VA	Wal-Mart	Р
VA	Newton, Tommy	ı	VA	Waynesboro Fish & Game Club	Р
VA	Old Dominion Sportsman's Association	Р	VA		Р
VA	Payless Supermarket	Р	VA	Wells Auto Supply	Р
VA	Pepsi-Cola Bottling Company	Р	VA	Wendy's Restaurants	Р
VA	Perfection Turkey Calls	Р	VA	West Shenandoah Ruritan Club	Р
VA	Perry, Danny	I	VA	West Virginia Department	
VA	Pizza Hut Restaurants	Р		of Natural Resources	S
VA	Potomac River Smallmouth Bass Club	Р	VA	West Virginia Department	
VA	Powder Keg	Р		of Natural Resources	S
VA	Pyxis Resources Company	Р	VA	Wise Hardware and Furniture	Р
VA	Radio Shack	Р	VA	Wise Lumber and Supply	Р
VA	Rainbow Connection	P	VA	Witt Motor Company	Ρ
VA	Rax's Restaurants	Р	VA	Woodrow Wilson Rehabilitation Center	Ρ
VA	Red River Coal Company	P			
VA	Rockbridge Bear Hunters Association	Р	EAS	STERN REGION (R-9)	
VA	Rockingham Bird Clubs	Р			
VA	Rose's Inc.	Р	IN	Barron, James	- 1
VA	Ruffed Grouse Society	Р	IN	Big Red	Р
VA	Shirley's Market	Р	IN	Boy Scouts of America-Troop 100	Ρ
VA	Shoney's Restaurants	Р	IN	Boy Scouts of America-Troop 136	Р
VA	Southwest Virginia		IN	Boy Scouts of America-Troop 525	P.
	Wildlife & Deer Association	Р	IN	Dubois County Sportsmen	Р
VA	Sports Wise	Р	IN	Etchberger, Cory	1
VA	Staunton School for Deaf & Blind	Р	IN	Ewert, Michael	1
VA	Steffy Tire Sales	Р	IN	Fort Vallonia Bassmasters	Р
VA	Tops & Bottoms	Р	IN	Grimes, Christopher	I

INI	Indiana Department of Natural Resources		141	Traut Unlimited	
IN	Indiana Department of Natural Resources- Division of Nature Preserves	S	МІ	Trout Unlimited-	Р
IN		3	МІ	Grand Rapid Chapter Trout Unlimited-	Г
IIN	Indiana Department of Natural Resources- Division of Fish & Wildlife	S	IVII		Р
IN		о Р	ΜI	Michigan Council Chapter	Г
IN	Indiana Karst Conservancy Indiana University-Department of Biology	P	IVII	Trout Unlimited-Muskego-	Р
IN	Indiana University-Department of	Г	МІ	White Chapter Trout Unlimited-	Г
11.4	Public and Environmental Affairs	Р	IVII	Ottawa Chapter (Ironwood)	Р
IN	Lincoln Hills RC & D-	Г	МІ	Trout Unlimited-	Г
***	Wildlife Committee	S	IAII	Pine River Chapter	Р
IN	Mowery's Freetown Grocery	P	MI	US Fish and Wildlife Service	F
iN	Nelson, Craig	i	MI	US Soil Conservation Service	F
IN	North Central Forest Experiment Station	Р	MI	Whitefish Point Observatory	P
IN	Quail Unlimited-Patoka Hills Chapter	P	MI	Whitetails Unlimited-Michigan Chapter	Р
IN	Wild Turkey Federation-Indiana Chapter	P	MI	Wildlife Unlimited-Delta County Chapter	P
Mi	Alcona Soil and Water	•	MI	Wildlife Unlimited-Iron County Chapter	P
	Conservation District	S	MI	Wisconsin/Michigan Timber Wolf Alliance	s
МІ	Au Sable River Steelheaders	P	MN	1854 Authority	F
МІ	Audubon Society-Michigan Chapter	P	MN	Audubon Society-Northwoods Chapter	P
ΜI	Barton City Fraternal Order of Eagles	P	MN	Camp Northland	P
Μł	Blackjack Ski Resort	Р	MN	Ducks Unlimited	Р
MI	Boy Scouts of America	Р	MN	Duluth Technical College	Р
MI	Cramblits Welding	Р	MN	Michigan State University	Р
Mi	Eagle Camp Village	Р	MN	Minnesota Bowhunter's Association	Ρ
Mi	Erwin Conservation Club	Р	MN	Minnesota Deer Hunter's Association	Р
Mi	Evers, Dave	1	MN	Minnesota Department of Natural	
MI	Fish America Foundation	Р		Resources	S
MI	Gogebic Soil Conservation District	F	MN	Minnesota Department of Transportation	S
МІ	Huron-Pines Resource Conservation		MN	Minnesota Regional Garden Club	Р
	and Development Council	S	MN	Natural Resources Research Institute	Р
МІ	losco Soil and Water		MN	Ruffed Grouse Society-	
	Conservation District	S		Minnesota Chapter	Р
MI	Lake County Road Commission	S	MN	Saint Louis County	S
MI	Lions Club	Р	MN	South Highbanks Leaseholders	Р
MI	Mason-Lake Soil and Water	_	MN	Telephone Pioneers of America	Р
	Conservation District	S	MN	US Fish and Wildlife Service	F
MI	Michigan Department of Corrections	S	MN	Vermilion Community College	Р
MI	Michigan Department of Natural	_	NH	Audubon Society-	
	Resources	S		New Hampshire Chapter	Р
МІ	Michigan Loon Preservation Association	Р	NH	New Hampshire Division of	_
MI	Michigan Technological University	Р		Fish and Game	S
Mi	Michigan Wildlife Habitat Foundation	Р	NH	Trout Unlimited-New Hampshire Chapter	Р
MI	Northeast Michigan Sportsmen Club	Р	NH	University of New Hampshire	Р
MI	NW Michigan Resource Conservation and	c	NY	Cornell University	Р
N.A.I	Development Council	S	NY	Ruffed Grouse Society	Р
МІ	Oscoda Soil and Water Conservation District	c	OH	Hocking College	Р
МІ	Pere Marquette Watershed Council	S S	OH	Huntington Tri-State Audubon Club Kiwanis-Ironton Chapter	P P
MI	Robinson Lake Association	P	OH	Ohio University	P
MI	Ruffed Grouse Society-Michigan Chapter	P	ОН	Ohio Department of Natural Resources-	L.
М	Steiger Lumber Company	P	O 11	Division of Wildlife	s
	otogor company	•		DIVISION OF THICHIC	3

ОН	National Wild Turkey Federation-	_	WI	Trout Unlimited-	
ОН	Ohio Chapter	P		Green Bay Chapter	Р
ОН	Rio Grande University	P	WI	Trout Unlimited-	_
VT	Ruffed Grouse Society-Ohio Chapter	Р		Marinette County Chapter	Р
VT	Fly Fishing Federation	Р	WI	Trout Unlimited-	
VT	Green Mountain Fly Tyers	Р		Rhinelander Chapter	Р
VT	Nature Conservancy	Р	WI	Westboro Conservation Club	Р
VT	New England Wildflower Society	P	WI	Wisconsin Conservation Corps	S
VT	Ruffed Grouse Society	P	WI	Wisconsin Department of	
VT	Stratton Corporation	Р		Natural Resources	S
V I	Trout Unlimited-	_	WI	Wisconsin Natural	
\/ T	Adirondack Chapter	Р		Resources Foundation	Р
VT	Trout Unlimited-	_	WV	Albright College	Р
VT	Manchester Chapter	Р	WV	Boy Scouts of America	Р
VT	Trout Unlimited-	_	WV	Lofty Oaks	Р
\ /T	Upper Valley Chapter	P	WV	Parsons Elementary School	Р
VT	University of Vermont	P	WV	Ruffed Grouse Society	Р
VT	US Fish and Wildlife Service	F	WV	Telecommunications, Inc.	Р
VT	US Soil Conservation Service	F	WV	Trout Unlimited-	
VT	Vermont Department of Fish and Wildlife	S		Allegheny Highlands Chapter	Р
VT	Vermont Institute of Natural Science	Р	WV	Trout Unlimited-	
VT	Vermont Non-Game and Natural Heritage			Kyova Chapter	Р
	Program	S	WV	Trout Unlimited-	
VT	Vermont Youth	S		P. Pendleton Kennedy Chapter	Р
VT	Wright, Jim	I	WV	West Virginia Department	
WI	Audubon Society-			of Natural Resources-Game Section	S
	Northern Wisconsin Chapter	Р	WV	West Virginia Department	
WI	Delessandro, Lugino D.	1		of Natural Resources-	
WI	Ducks Unlimited	Р		Endangered Species Section	S
WI	Dupont Elementary School	Р	WV	West Virginia Department	
WI	Fish America Foundation	Р		of Natural Resources-	
WI	Fish for the Future	Р		Fisheries Research Section	S
WI	Follen, Don	1	WV	West Virginia Department	_
WI	Great Lakes Indian Fish and Wildlife			of Natural Resources-	
	Commission	Р		Fisheries Section	S
WI	Hayward Rod and Gun Club	Р	WV	West Virginia University-	Ŭ
WI	Hosmer, Matt	1		Fisheries Research Section	P
WI	Kathryn Lake Association	Р			•
WI	Langer, Norbert	1	ALA	SKA REGION (R-10)	
WI	Langer, Vivian	i			
Wi	Moran, John	i	AK	Alaska Department of Fish and Game-	
WI	Nature Conservancy	Р	, u.v.	Fisheries Rehabilitation,	
WI	Niemuth, Neil	i		Enhancement and Development Division	0
WI	Paulson, Neil	i	AK	Alaska Department of Fish and Game-	3
WI	Riegert, Mike	i	/ 11 X	Sport Fish Division	0
WI	Ruffed Grouse Society-	•	AK	Alaska Department of Fish and Game	S S
	Wilderness Wings Chapter	Р	AK	Alaska Department of Transportation	S
WI	Ruffed Grouse Society-	•	AK	Bicknell Industries	
- • •	Wisconsin Chapter	Р	AK	Canadian Wildlife Service	P
WI	Saint Louis Elementary School	P	AK	Chugach State Park	F
WI	Trout Unlimited-	•	AK		S
- • •	Antigo Chapter	Р	AK	Copper River Delta Institute Ducks Unlimited	Р
	· ······ga · aricaptor	•	AIX	Daona Omminica	P

ΑK	Echo Bay Mines	Р	AK	Pacific Northwest Forest & Range	
AK	Foundation for North American			Experiment Station-	
	Wild Sheep-Alaska Chapter	Р		Forestry Sciences Lab	Р
ΑK	Hoonah Merchants	Р	AK	Sheldon Jackson College	Р
ΑK	Hoonah Youth Task Force	Р	AK	Sitka High School	Р
ΑK	Ketchikan Sports and Wildlife Club	Р		Sitka Rotary Club	Р
AK	Northern Southeast Regional		AK	Sitka Teen Center	Р
	Aquaculture Association	Р	AK	Southern Southeast Regional	
	·			Aquaculture Association	Р
			AK	Trout Unlimited-Juneau Chapter	P
			AK	US Fish and Wildlife Service	F